

NEWS FROM SPACE FLORIDA

CALENDAR

Farnborough International Airshow
July 11-17, 2016
Farnborough, UK
<http://www.farnborough.com>

Small Satellite Conference
August 5-11, 2016
Logan, UT
www.smallsat.org

LAUNCH SCHEDULE

July 18, 2016
12:45 a.m. EDT
Falcon 9
SpaceX, CRS 9

July 28, 2016
8:00 a.m. EDT
Atlas V, United
Launch Alliance,
NROL-61

*Launch dates and times are subject to change. Visit
<http://launches.weareqofl.com/> for updates.

IN THE NEWS

State, Navy celebrate new Cape Canaveral missile facility

"The ceremony celebrated completion of the initial structure built with the help of \$5 million from Space Florida."

<http://www.floridatoday.com/story/tech/science/space/2016/06/16/state-navy-celebrate-new-missile-test-facility-cape/85937218/>

Florida firms land \$2 million from Space Florida, partner

"Four Florida companies, including two from Central Florida, have landed research money from a Space Florida partnership to push projects related to space and tech projects."

<http://www.orlandosentinel.com/news/space/os-space-florida-20160608-story.html>



A Message from Space Florida

Welcome to the first week of Summer and the June edition of the Space Florida newsletter! As we near the end of our fiscal year, we've been busier than ever. Most recently, I delivered my "Vision 2025" to the National Space Club at its monthly luncheon, discussing a need to establish a commercial industry task force to define the best operating model for the Cape Canaveral Spaceport. In the same week, Space Florida, along with the U.S. Navy, the UK's Ministry of Defense and the EDC, celebrated the conclusion of the Strategic Weapons System Ashore (SWS Ashore) facility, a critical Navy capability enabling integrated systems testing, at Space Launch Complex 25.

I would also like to congratulate the four teams recently chosen as winners in our most recent round of the Space Florida-Israel Innovation Partnership Program.

Please enjoy this month's edition.

Sincerely,

Frank A. DiBello

UPDATES FROM SPACE FLORIDA

Space Florida Celebrates Project Hammer Completion



This month, the U.S. Navy, the UK's Ministry of Defense, Space Florida and the Economic Development Commission of Florida's Space Coast came together to celebrate the completion of the Strategic Weapons System Ashore (SWS Ashore) facility, also known as Project Hammer, at the Cape Canaveral Air Force Station's Launch Complex 25.

CCAFS Launch Complex 25 was originally constructed for the first Fleet Ballistic Missile test launches in the 1950s, and use of the locations was discontinued in the 1970s. SWS Ashore is a joint effort with the Navy and the State of Florida investing in the redevelopment of the site. Space Florida invested \$5 million of capital improvements at Launch Complex 25 in order



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to foster the development of aerospace technologies in sea-based platforms and strengthen its leadership in military aerospace activity.

"[This] was another exciting milestone for the Cape Canaveral Spaceport," said Space Florida President Frank DiBello of the ceremony. "In 2012, we celebrated a groundbreaking for this project, and today, we commemorate the partnerships that have transformed this launch site into a base for the Strategic Weapons Systems Ashore support facility. Space Florida is pleased to have this critical Navy capability here on Florida's Space Coast, enabling integrated system testing for an important national program for decades into the future."

Guest speakers at the event including Senator Thad Altman, Vice Admiral Terry Benedict of the U.S. Navy, Rear Admiral Keith Beckett of the Royal Navy, Captain John Sager of the Naval Ordnance Test Unit and Winston Scott, chair-elect of the Economic Development Commission of Florida's Space Coast.

Space Florida Announces Winners of Florida-Israeli Partnership



The winners for the third round of industrial research and development funding tied to the Space Florida-Israel Innovation Partnership Program have been announced. In October 2013, Florida and Israel created a \$2 million recurring joint fund to support research, development

and commercialization of aerospace and technology projects that benefit both Israel and Florida. More specifically, the partnership is between Space Florida and the Israeli Office of the Chief Scientist through MATIMOP.

For this Call for Projects, in total, 12 joint proposals were submitted and four teams have been selected for the third-round awards. The winners are as follows:

- CadW Therapeutics/Scripps Florida & Space-Pharma, Israel;
- Lockheed Martin Space Systems, Kennedy Space Center & StemRad, Israel;
- Vision Engineering Solutions Florida, & Semi-Conductor Devices, Israel; and
- Simiosys LLC / SIFT, Florida & E1Mind A, Israel.

The next joint call for applications is expected to be released in July 2016. Florida-based companies interested in more information can visit www.spaceflorida.gov while Israel-based companies can visit www.matimop.org.il.

Frank DiBello Talks 2025 Vision at National Space Club Luncheon

On the heels of receiving this year's Kurt H. Debus Award, Frank DiBello addressed the crowd at the National Space Club Florida Committee's June luncheon in Cape Canaveral. There, he spoke of Space Florida's "Vision 2025" and the bright future of the Cape Canaveral Spaceport as well as the State of Florida.

INDUSTRY HIGHLIGHT

Techshot



Techshot was one of three high-tech companies that joined forces to create a space hardened 3D bioprinter that's capable of producing human organs and tissues in orbit. In a June 14 experiment, the test of the prototype saw the first successful printing of vascular and cardiac makeup in zero gravity - 30,000 feet over the Gulf of Mexico.

The experiment was aboard a Zero Gravity Corporation aircraft. Techshot Inc., one of the newest tenants in Space Florida's Space Life Sciences Lab, led the effort. Techshot Inc., is a manufacturer of, among other creations, of industrial 3D printers. Bioficial Organs Inc., and nScrypt partner in the recent test.

This entire collaboration could result in the ability to manufacture organs in space for patients on Earth.

Information from the recent test will be used to continue design and construction of a smaller bioprinter for flight aboard a commercial Blue Origin suborbital space capsule in 2017. Techshot Inc. hopes to have a version for the International Space Station ready in 2018.

For more information, visit www.techshot.space

This email was sent to: **melinda.mcnab@coastalcloud.us**

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